## Cumulative Index 1977-1979

Note: Page numbers of symposium and article titles are in boldface type.

ABDOMEN, tumors of, neonatal, 1978 March, 126-132

wall of, congenital defects, 1978:: March, 61-77

Abortion, spontaneous, after amniocentesis, 1979: Sept., 250

counseling parents after, 1979: Sept., 227, 235

incidence of, 1979: Sept., 219-221, 238-240

maternal cigarette smoking and, 1979: Sept., 238

Acid-base balance, perinatal asphyxia and, 1978: Sept., 325

Aganglionosis, neonatal, 1978: March, 55 Alcohol, effect on labor, 1979: March, 15 in inhibition of premature labor, 1979:

March, 56 maternal consumption of, effect on fetus, 1979: March, 12-14, 168: 1979: Sept., 208

Alexander's disease, 1977: March, 26 Alpha-fetoprotein, in prenatal diagnosis, 1979: Sept., 251

Ambiguous genitalia, neonatal, 1978: March, 163-176

Amino acid metabolism, disorders of, prenatal diagnosis of, 1979: Sept., 260

Aminophylline, fetal lung maturation and, 1979: Sept., 383–385

Amniocentesis, erythroblastosis fetalis and, 1979: Sept., 323-324

in detection of intestinal atresia, 1979: March, 9-10

problems with, 1979: Sept., 248-250 spontaneous abortion after, 1979: Sept., 250

Amniotic fibroblasts, fetal, in prenatal diagnosis, 1979: Sept., 285–289 Amniotic fluid, analysis of, fetal lung

maturity and, 1978: Sept., 233–240 in prenatal diagnosis, 1979: Sept., 264–265

Amniotic fluid cells, cultured, in prenatal diagnosis of inborn errors of metabolism, 1979: Sept., 256–263

Amphetamines, teratogenicity of, 1979: Sept., 412

Anemia, in premature infants, 1977: Sept., 239-257

sickle cell, prenatal diagnosis of, 1979: Sept., 276, 281

Anencephaly, 1977: March 5: 1979: Sept., 250

prenatal diagnosis of, 1979: Sept., 299 Anesthesia, abortion and, 1979: Sept., 239 Anticonvulsants, fetal anomalies and, 1979: March, 11–12

for neonatal seizures, 1977: March, 59-60 teratogenicity of, 1979: Sept., 410

Antidiuretic hormone, inappropriate secretion of, syndrome of, 1979: March, 76-79

renal function and, 1977: Sept., 330–332 Anus, imperforate, neonatal, 1978: March, 149–161

Apnea, neonatal, 1977: March, 65-76 methylxanthines in, evidence for efficacy of, 1979: March, 87-90

Apt test, in differentiation of maternal from fetal blood, 1977: Sept., 295

Arginine vasopressin, pharmacokinetics of, 1979: March, 65-85

Arginine vasotocin, pharmacokinetics of, 1979: March, 65-85

Arnold-Chiari malformation, 1977: March, 6 Ascites, fetal, 1979: Sept., 296 Asphyxia, intrauterine, effects on full-term

neonate, 1977: March, 149-161 perinatal, 1978: Sept., 317-334 neonatal seizures and, 1977: March, 50-51

BACTERIAL meningitis, neonatal, 1977: March, 103-116 Barium enema, in neonatal intestinal obstruction, 1978: March, 11-12, 52-53 Behavior, infant, development and, 1977:

March, 195-197

Beckwith's syndrome, omphalocele and, 1978: March, 63

Benzodiazepines, teratogenicity of, 1979: Sept., 408

Beta adrenergic agonists, in inhibition of premature labor, 1979: March, 56-57 Biliary atresia, 1978: March, 19-28

Bilirubin, metabolism of, neonatal, 1977:

Sept., 306-310 Bilirubin encephalopathy, neonatal, 1977:

March, 140-145

Birth weight, effect of maternal smoking on, 1979: March, 8-9, 167-168; 1979: Sept., 26-27

low, nutrition after, 1977: Sept., 367-376, 377-383

symposium on, 1977: Sept., 213-430 very low, fluid and electrolyte balance in, 1979: March, 139-150

Bisolvon, effect on fetal lung development, 1978: Sept., 250

Bleeding. See Hemorrhage.

Blood, disorders, prenatal diagnosis of, 1979: Sept., 266, 275-291 fetal, sampling, 1979: Sept., 279-285

Bochdalek's hernia, respiratory distress and, 1978: Sept., 388-391

Bone, neonatal calcium homeostasis and, 1977: Sept., 394-400

Bradycardia, in prolonged apneic spells, 1977: March, 66

Brain, damage to, intrauterine asphyxia and, 1977: March, 149-161

normal and abnormal development of, 1977: March, 3-30

Breast, tumors of, neonatal, 1978: March, 132

Breast milk, drugs and pollutants in, 1979:
March, 181-196
for low birth weight infants, 1977; Sept.

for low birth weight infants, 1977: Sept., 381-382 iron supplementation and, 1977: Sept.,

249-250 neonatal resistance to necrotizing enter-

ocolitis and, 1978: March, 31-32 Breathing, fetal, 1978: Sept., 257-268

Breech presentation, prematurity and, cesarean section for, 1977: Sept., 225-227

Bronchogenic cysts, respiratory distress and, 1978: Sept., 379–380

Bronchopulmonary dysplasia, oxygen therapy and, 1978: Sept., 442–447 respiratory distress syndrome and, 1978: Sept., 292

Bronze baby syndrome, phototherapy and, 1977: Sept., 312

CAFFEINE, effect on onset of labor, 1979: March, 46 intrauterine growth and, 1979: March, 46 Caffeine (Continued)

pharmacokinetics of, and dose recommendations in neonatal apnea, 1979: March, 88-95 and effect on fetus, 1979: March, 37-49.

Calcium, in treatment of neonatal seizures,

1977: March, 60 metabolism of, perinatal disturbances of, 1977: Sept., 385-409

Calories, requirements in premature new-

Calories, requirements in premature newborns, 1975: March, 192; 1977: Sept., 377 Canavan's disease, 1977: March, 26

Carbohydrate metabolism, fetal, 1979: Sept., 366-369

inborn errors of, prenatal diagnosis of, 1979: Sept., 259

Carbohydrate requirements in tiny babies, 1977: Sept., 378

Cardiac slowing, apneic spells and, 1977: March, 66–67 Cardiovascular defects, congenital, timing

of development, 1979: Sept., 213 Catecholamines, effects on lung develop-

ment, 1978: Sept., 249 premature labor and, 1979: March, 54 Catheter, umbilical, recommendations for

use, 1977: Sept., 281-282 Catheterization, hematologic complications in newborns, 1977: Sept., 279-282

Cell migration, brain development and, 1977: March, 12-20

Central nervous system, defects of, prenatal diagnosis of, 1979: Sept., 250-253 effect of perinatal asphyxia on, 1978:

Sept., 328-331

intrauterine asphyxia and, 1977: March, 149-161
Cerebral palsy, abnormal parturition and,

1977: March, 149 Cerebrospinal fiuid, interpretation of, in intracranial hemorrhage, 1977: March,

77-78 Cerebrum, normal and abnormal development of, 1977: March, 3-30 status of, in newborn, 1977: March, 31-42

Cesarean section, in premature breech presentation, 1977: Sept., 225-227 low vertical, reintroduction of, 1977: Sept., 230-232

Chloramphenicol, in newborns, 1979: March, 151-162

Chlordiazepoxide, teratogenicity of, 1979: Sept., 408

Choanal atresia, respiratory distress and, 1978: Sept., 377-378

Cholestasis, parenchymal, biliary atresia and, 1978: March, 20–21

"Christmas tree" anomaly in newborns, 1978: March, 5-6

Chromosomal abnormalities, during gametogenesis, 1979: Sept., 205 in first trimester abortuses, 1979: Sept., 222, 228

prenatal diagnosis of, 1979: Sept., 245-254 Cigarette smoking, abortion and, 1979:

Sept., 238

Cigarette smoking (Continued) effect on fetal lung development, 1978: Sept., 221

Clomiphene citrate, teratogenicity of, 1979: Sept., 409-410

Coffee, caffeine content of, effect on fetus, 1979: March, 38-42

Colon, atresia of, neonatal, 1978: March, 6 Colostomy, in neonatal anorectal malformations, 1978: March, 157–159

Conditioning, classical, in infants, 1977: March, 172–175

operant, in infants, 1977: March, 175–178 Congenital diaphragmatic hernia, 1978: March, 93–104; Sept., 388–391

Congenital lobar emphysema, 1978: March, 105-113; Sept., 380-383

Congenital malformations, in early abortuses, 1979: Sept., 225-227 paternal role in, 1979: Sept., 205-206

Constipation, in Hirschsprung's disease, 1978: March, 49-50

Cord prolapse, premature rupture of membranes and, 1977: Sept., 224

Corticosteroids, fetal, premature labor and, 1979:March, 54

fetal lung maturation and, 1978: Sept., 216-218, 243-250, 251-252; 1979: Sept., 380-383

Cranial anomalies, prenatal diagnosis of, 1979: Sept., 298

Cranial nerves, examination of, in newborn, 1977: March, 34-36

Craniofacial abnormalities, timing of development, 1979: Sept., 212

Craniorachischisis totalis, 1977: March, 4 Crib death. See Sudden infant death syndrome.

Cysts, lung, respiratory distress and, 1978: Sept., 379–380

Cytomegalovirus infection, congenital, 1979: Sept., 341–345 in newborn and fetus, 1977: March, 120–

DELIVERY room, special concerns in low birth weight infants, 1977: Sept., 232-

Dermoid cysts, neonatal, 1978: March, 119 Diabetes, maternal, fetal lung maturation and, 1979: Sept., 388–390

Diabetes insipidus, cranial, in newborn, 1979: March, 73–75

nephrogenic, in newborn, 1979:March, 75 Diagnostic techniques, prenatal. See under specific techniques and disorders.

Diaphragm, eventration of, respiratory distress and, 1978: Sept., 391-393

Diaphragmatic hernia, fetal, ultrasonic diagnosis of, 1979: Sept., 306 neonatal, 1978: March, 93-104 respiratory distress and, 1978: Sept., 388-391

Diazepam (Valium), neonatal seizures and, 1977: March, 59 teratogenicity of, 1979: Sept., 408 Diphenylhydantoin (Dilantin), neonatal seizures and, 1977: March, 59-60

Disseminated intravascular coagulation, neonatal, 1977: Sept., 269-278

Diuretics, effect on premature infant, 1977: Sept., 342-344

Drug(s). See also specific drugs. anticonvulsant, in neonatal seizures, 1977: March. 59-60

effect on fetus, labor and delivery, and newborn, symposium on, 1979: March, 1-196

effect on intrauterine growth, 1979: March, 5-19

Drug(s), embryonic and fetal toxicity of, 1979: Sept., 201-218 excretion and concentration in breast

milk, 1979: March, 190–192 in inhibition of premature labor, 1979: March, 53–63

in treatment of increased intracranial pressure, 1979: March, 133-135

in water retention and water excretion, 1979: March, 78 maternal addiction to, effect on infant,

1979: March, 168–172
paternal exposure to, perinatal outcome

and, 1979: March, 21–36 Drugs, perinatal, transcutaneous oxygen

measurement in evaluation of effects, 1979: March, 109-121

pollutants and, in breast milk, 1979: March, 181-196

teratogenic, 1979: Sept., 403–414 withdrawal from, neonatal seizures and, 1977: March, 55

Ductus arteriosus, patent, in preterm infants, 1978: Sept., 411-436 necrotizing enterocolitis and, 1978: March, 33

Duchenne muscular dystrophy, prenatal diagnosis of, 1979: Sept., 268

Duhamel operation, in Hirschsprung's disease, 1978: March, 56-57

Duodenojejunostomy, neonatal, 1978: March, 14-15

Duodenum, atresia of, in newborns, 1978: March, 3-4

Dwarf, thanatophoric, 1979: Sept., 238

Embryo, loss of, 1979: Sept., 219-243 teratogenic agents, 1979: Sept., 203-204, 207-208

Emotional stress, abortion and, 1979: Sept., 239

prenatal malformations and, 1979: Sept., 210

Emphalocele, prenatal diagnosis of, 1979: Sept., 309

Emphysema, congenital lobar, 1978: March, 105-113 respiratory distress and, 1978: Sept.,

respiratory distress and, 1978: Sept., 380–383 pulmonary interstitial, 1978: Sept., 351–

monary interstitial, . 75 Encephalocele, 1977: March, 6-7; 1978: March, 122; 1979: Sept., 250

Encephalopathy, hypoxic-ischemic, neonatal seizures and, 1977: March, 50-51 Enterocolitis, in Hirschsprung's disease,

1978: March, 50-55

Enterostomy, in congenital abnormal wall defect, 1978: March, 74

Erythroblastosis fetalis, 1979: Sept., 321-330

Erythropoiesis, regulation of, in newborn, 1977: Sept., 240-246

Esophagus, atresia, respiratory distress and, 1978: Sept., 383-388 cysts and duplication of, 1978: March,

125-126

Estrogen, fetal lung maturation and, 1979: Sept., 386-388

progesterone and, in premature labor, 1979: March, 53-54

Ethanol, in suppression of premature labor, 1977: Sept., 220-221

intrauterine growth retardation and, 1979: March, 12-14

Ethics, in severe neonatal neurologic disease, 1977: March, 201-209

Exchange transfusion, in hyperbilirubinemia, 1977: Sept., 314–315

in respiratory distress syndrome, 1977: Sept., 289–290

FABRY disease, prenatal diagnosis, 1979: Sept., 247

Faciotelencephalic malformations, 1977: March, 8

Fat, requirements in tiny babies, 1977: Sept., 379

Fat metabolism, fetal, 1979: Sept., 370-371 Father, drug exposure of, effect on perinatal outcome, 1979: March, 21-36

Fetal alcohol syndrome, 1979: March, 12-14

Fetal ascites, 1979: Sept., 296
Fetal blood sampling, 1979: Sept.

Fetal blood sampling, 1979: Sept., 279-285 Fetal therapy, 1979: Sept., 269

Fetal tissue sampling, 1979: Sept., 265 Fetoscopy, 1979: Sept., 265

in diagnosis of fetal structural abnormalities, 1979: Sept., 293-294

Fetus, breathing movements of, onset of breathing at birth and, 1978: Sept., 257-268

diseases of, symposium on, 1979: Sept., 201-414

early loss of, 1979: Sept., 219-243 effect of methylxanthines on, 1979: March, 37-51

growth of, effect of drugs on, 1979: March, 5-19

growth retarded, 1979: Sept., 353–363 intrauterine transfusion, 1979: Sept., 324–326

lung development, anatomy of, 1978: Sept., 181-196 biochemistry of, 1978: Sept., 197-229 Fetus, lung development (Continued) effect of corticosteroids and other agents, 1978: Sept., 216-222, 243-256 pharmacologic control of, 1978: Sept., 243-256

lung maturation, antenatal assessment, 1978: Sept., 231-242 effect of methylxanthines on, 1979: March, 47-48

metabolic requirements of, 1979: Sept.,

365-376 structural abnormalities of, diagnosis of, 1979: Sept., 293-320

toxic reactions, critical periods of, 1979: Sept., 203–218

Fluid and electrolyte balance, in very low birth weight infants, 1979: March, 139-150

Folic acid deficiency in premature infants, 1977: Sept., 253-254

GAMETOGENESIS, effects of toxic agents during, 1979: Sept., 205

Gastric perforations, spontaneous, 1978: March, 83-91

Gastrointestinal tract, atresia of, in newborn, 1978: March, 3-18

cystic duplications of, in newborn, 1978: March, 132

obstruction of, Hirschsprung's disease and, 1978: March, 45-60 imperforate anus and, 1978: March, 152-157

prenatal abnormalities of, timing of development, 1979: Sept., 213 ultrasound in diagnosis, 1979: Sept., 305-309

resection of, in abdominal wall defect, 1978: March, 66-68

spontaneous perforations of, in newborn, 1978: March, 83-91

Gastroschisis, omphalocele and, 1978: March, 61-77

Genetic disorders, prenatal diagnosis of, 1979: Sept., 245-254

Genitalia, ambiguous, neonatal, 1978: March, 163–176

Globulins, role in neonatal necrotizing enterocolitis, 1978: March. 34

Glomerular function in premature infants, 1977: Sept., 323–325

Glucocorticoids, effect on fetal lung development, 1978: Sept., 216-218, 243-250, 251-252

Glucose homeostasis, in very low birth weight infants, 1977: Sept., 351-365 Gray baby syndrome, chloramphenicol and,

1979: March, 151-162

Growth and development, fetal, effect of drugs on, 1979: March, 5-19 metabolic requirements for, 1979: Sept., 365-376

Growth retardation, embryonic, 1979: Sept., 226

intrauterine, 1979: Sept., 353-363

Habituation, in early infancy, 1977: March, 170-172

Head, measuring circumference of, in newborns, 1977: March, 33 neurologic examination of, in newborns,

1977: March, 32-33

position and compression of, increased intracranial pressure and, 1979: March, 130-131

Head's paradoxical reflex, onset of breathing and, 1978: Sept., 260–262 Hearing, neonatal sense of, 1977: March, 165–166

Heart, anomalies, prenatal diagnosis of, 1979: Sept., 304

Hemangiomas, neonatal, 1978: March, 115-118, 127

Hematomas, subcapsular, neonatal, 1978: March, 127

Hematuria, etiologic classification in infants and children, 1977: Sept., 335 Hemoglobin, values in premature infants, 1977: Sept., 240-246

Hemoglobinopathies, prenatal diagnosis of,

1979: Sept., 275-291

Hemorrhage, diagnostic approach to, in newborns, 1977: Sept., 295
intracerebral-intraventricular, assisted

ventilation in, 1978: Sept., 395-409 intracranial, in newborns, 1977: March, 77-102

seizures and, 1977: March, 51-52 mechanical trauma and, 1977: Sept., 294-295

Hemostasis, in premature infants, 1977: Sept., 259-304

Heparin, in disseminated intravascular coagulation, 1977: Sept., 274–278 Hepatitis, neonatal, biliary atresia and,

1978: March, 20-21

Hepatoblastoma, neonatal, 1978: March, 128

Hepatomas, neonatal, 1978: March, 128 Hermaphroditism, true, 1978: March, 170-171

Hernia, diaphragmatic, congenital, 1978: March, 93-104

respiratory distress and, 1978: Sept., 388-391 fetal, ultrasonic diagnosis of, 1979:

Sept., 306 hydrocele and, neonatal, 1978: March,

hydrocele and, neonatal, 1978: March, 135–141 incarcerated, neonatal, 1978: March, 123

inguinal, neonatal, 1978: March, 122 ventral, neonatal, 1978: March, 66

Herpes simplex infection, congenital, 1977: March, 118–120; 1979: Sept., 333–337 Herpesvirus infections, congenital, 1979:

Sept., 331-346 Heterotopica, neuronal, 1977: March, 19-20

Hirschsprung's disease, 1978: March, 45-60 Holoprosencephalies, 1977: March, 8 Hormones, exogenous, in pregnancy, 1979:

Sept., 407-408 fetal growth retardation and, 1979: Sept., 358 Hormones (Continued)

in amniotic fluid, prenatal diagnosis and, 1979: Sept., 265

in regulation of fetal lung maturation, 1979: Sept., 377-395

posterior pituitary, developmental pharmacokinetics of, 1979: March, 65-85

Hunter syndrome, prenatal diagnosis, 1979: Sept., 247

Hyaline membrane disease, current therapy in, 1978: Sept., 299–316 asphyxia and, 1978: Sept., 323–324 Hydramnios, meconium peritonitis and,

1978: March, 80-81

Hydroceles, hernias and, in newborn, 1978: March, 135–141 Hydrocephalus, in intraventricular hemor-

rhage, 1977: March, 90-92 Hydrocephalus, neonatal, treatment of,

1979: March, 133-134 prenatal diagnosis of, 1979: Sept., 298, 301

Hydrocolpos, neonatal, 1978: March, 132 Hydronephrosis, neonatal, 1978: March, 128

Hyperbilirubinemia, neonatal, 1976: March, 186–201; 1977: March, 140–145 unconjugated, in very low birth weight infants, 1977: Sept., 305–320

Hypercoagulability, respiratory distress syndrome and, 1977: Sept., 288–289 Hyperglycemia, in tiny babies, 1977: Sept., 351–365

Hypertension, iatrogenic, neonatal, 1977:

Sept., 340 Hypocalcemia, neonatal, 1977: March, 136-140

bone demineralization and, 1977: Sept., 385-409

seizures and, 1977: March, 53-54, 60 Hypoglycemia, in tiny babies, 1977: Sept., 351-365

neonatal, 1977: March, 131-136 seizures and, 1977: March, 52-53 Hypomagnesemia, neonatal, 1977: March,

136–140 seizures and, 1977: March, 60 Hypospadias, neonatal, 1978: March, 174

INBORN errors of metabolism, prenatal diagnosis of, 1979: Sept., 255-273

Hypoxia, 1978: Sept., 275-277

Indomethacin, in inhibition of premature labor, 1979: March, 59-60 vs. surgical ligation, in patent ductus arteriosus, 1978: Sept., 422-434

Induction, dorsal and ventral, in brain development, 1977: March, 4–8
Infant. See also Newborn.

at-risk, identifying, 1977: March, 179–180 chloramphenicol in, 1979: March, 151–162 intracranial pressure in, noninvasive monitoring of, 1979: March, 123–137

mental development, assessment of, 1977:March, 187-200

Infant (Continued)

mortality, birth weight and, 1976: Sept., 504; 1977: Sept., 425-430

neurologic disease in, ethical aspects, 1977: March, 201-209

neurologic evaluation of, 1977: March, 31-42

position of head, changes in intracranial pressure and, 1979: March, 130–131 premature, hemostasis in, 1977: Sept.,

259-304

very low birth weight, fluid and electrolyte balance in, 1979: March, 139-150

nutritional needs of, 1977: Sept., 377-383

outcome of, 1977: Sept., 425-430 parenteral nutrition in, 1977: Sept., 367-376

symposium on, 1977: Sept., 213-430 Infant Behavior Record, 1977: March, 195 Infection, herpesvirus, congenital, 1979: Sept., 331-346

nonbacterial, in fetus and newborn, 1977: March, 117-130

Infusates, composition of, in total parenteral nutrition, 1977: Sept., 368

Insensible water loss, in very low birth weight infants, 1979: March, 141-146 Insulin, fetal lung maturation and, 1979:

Sept., 388–390 Intelligence testing, in infants, 1977:

March, 187–200 Intersex, diagnosis and surgical repair,

1978: March, 163–176 Intestines. See Gastrointestinal tract. Intracerebellar hemorrhage, 1977: March,

Intracranial hemorrhage, 1977: March, 77-102; 1977: Sept., 282-288

Intracranial pressure, noninvasive monitoring of, 1979: March, 123-137

Intrauterine asphyxia, effects on full-term neonate, 1977: March, 149-161

Intrauterine fetal transfusion, 1979: Sept., 324–326

Intrauterine growth, effect of caffeine on, 1979: March, 46 effect of drugs on, 1979: March, 5-19

Intrauterine growth retardation, 1979: Sept., 353-363

Intraventricular hemorrhage, 1977: March, 86-97

respiratory distress and, 1978: Sept., 395-409
Iron deficiency, in premature infants, 1977:

Sept., 248–252 Isoxsuprine, in labor suppression, 1977: Sept., 220–221

JAUNDICE, neonatal, obstructive and nonobstructive, 1978: March, 20-21 Jejunoileal atresia, neonatal, 1978: March,

4-6 Jitteriness, vs. seizures, 1977: March, 49-50 KARYOTYPE, abortion and, analysis of, 1979: Sept., 223

Kasai portoenterostomy, in neonatal extrahepatic biliary atresia, 1978: March, 24-26

Kidney. See also Renal.

abnormalities, prenatal diagnosis of, 1979: Sept., 311-312

in small preterm infants, 1977: Sept., 321-349

neonatal calcium homeostasis and, 1977: Sept., 392-394

tumors, neonatal, 1978: March, 128-131 Krabbe's disease, 1976: March, 104; 1977: March, 27

LABOR, drugs that alter timing of, 1979: March, 14-16

onset of, effect of caffeine on, 1979: March, 46

premature, pharmacologic inhibition of, 1977: Sept., 218-222; 1979: Sept., 53-63

respiratory distress syndrome and, 1978: Sept., 220

Learning processes, in newborns, 1977: March, 163–186

Lecithin, biosynthesis of, in fetal lung development, 1978: Sept., 197-229

Lecithin/sphingomyelin ratio, 1978: Sept., 235-237, 246-247

Lesch-Nyhan syndrome, prenatal diagnosis, 1979: Sept., 247

Leukodystrophies, myelin synthesis disorders and, 1977: March, 25–27 Lipid metabolism, inborn errors of, pre-

Lipid metabolism, inborn errors of, prenatal diagnosis of, 1979: Sept., 257 Lissencephaly, 1977: March, 17

Lithium, teratogenicity of, 1979: Sept., 412 Liver, disease, in newborns, 1977: Sept., 293–294

tumors, in newborns, 1978: March, 127-128

Lungs, aeration at birth, 1978: Sept., 262-266

cystic adenomatoid malformation of, 1978: Sept., 379

development, anatomy of, 1978: Sept., 181-196

biochemistry of, 1978: Sept., 197-229 effect of corticosteroids and other agents, 1978: Sept., 216-222, 243-256 pharmacologic control of, 1978: Sept., 243-256

fetal maturation, anatomical development and, 1978: Sept., 181-196 assessment of, 1978: Sept., 231-242 effect of methylxanthines on, 1979: March, 47-48

hormonal regulation of, 1979: Sept.,

377-395 hypoplastic, in congenital diaphragmatic

hernia, 1978: March, 93-104 phospholipid metabolism of, 1978: Sept., 197-229, 247-248 Lymphangiomas, neonatal, 1978: March, 118-119, 127

Lymphocytes, in neonatal necrolizing enterocolitis, 1978: March, 34-35

MACRENCEPHALY, 1977: March, 12 Magnesium, in treatment of neonatal seizures, 1977: March, 60

Magnesium sulfate, in inhibition of premature labor, 1979: March, 59

Malnutrition, maternal, fetal responses to, 1979: Sept., 371-374

Mechanical ventilation, follow-up studies in survivors, 1978: Sept., 451-461

Meconium, failure to pass, in Hirschsprung's disease, 1978: March, 45, 49, 51 Meconium aspiration syndrome, other

asphyxial disorders and, 1978: Sept., 317-334

Meconium ileus, enlarged abdomen in, 1978: March, 131

jejunoileal atresia and, 1978: March, 13 prenatal diagnosis of, 1979: Sept., 308

Meconium peritonitis, 1978: March, 79-82 Membranes, fetal, premature rupture of, obstetric management, 1977: Sept., 222-225

Meningitis, bacterial, in newborn, 1977: March, 103-116

Meningoceles, neonatal, 1978: March, 122-123

Meningomyelocele, prenatal diagnosis of, 1979: Sept., 303

Mental development, infant, assessment of, 1977: March, 187-200

in survivors of assisted ventilation, 1978: Sept., 456–459

Metabolism. See also specific types, such as Lipid metabolism.

changes in, perinatal asphyxia and, 1978: Sept., 325–328

disturbances, in newborn, 1977: March, 131-148

inborn errors of, prenatal diagnosis, 1979: Sept., 255–273

Methylxanthines, effects on fetus, 1979: March, 37-51

in apnea of prematurity, 1979: March, 87–108

neonatal metabolism of, 1979: March, 95–98

toxicity, 1979: March, 102-103

Micrencephaly vera, 1977: March, 11-12 Migration, cell, radial and tangential, brain development and, 1977: March, 12-20

Mikulicz technique, modified, in exteriorization of jejunal limb, 1978: March, 24-25

Mineral requirements in newborns, 1977: Sept., 380-381

Mosaicism, 1979: Sept., 249

Mothers, drug-addicted, sudden infant death syndrome in infants of, 1979: March, 166 Motor function, examination of, in newborn, 1977: March, 36-41

Mucopolysaccharidoses, prenatal diagnosis of, 1979: Sept., 258

Multiple births, 1979: Sept., 401

Myelination, in human brain, disorders of, 1977: March, 24-27

Myelomeningocele, 1977: March, 5-6 Myeloschisis, 1977: March, 5

NECROTIZING enterocolitis, neonatal, 1978: March, 29-44

Neonatal intensive care unit. See Intensive care, neonatal.

Neonate. See *Infant* and *Newborn*.

Nerves, cranial, examination of, in n

Nerves, cranial, examination of, in newborn, 1977: March, 34-36

Neuralation, faulty, 1977: March, 4-7 Neural tube defects, prenatal diagnosis of, 1979: Sept., 245-254

Neurohypophyseal hormones, developmental pharmacokinetics of, 1979: March, 65-85

Neurologic development, assisted ventilation and, 1978: Sept., 456-459

Neurologic disease, neonatal, ethical aspects, 1977: March, 201-209 relation of seizures to, 1977: March, 57-58

Neurology, neonatal, symposium on, 1977: March, 1-209

Neurons, migration of, brain development and, 1977: March, 12-20

Nevus, pigmented, neonatal, 1978: March, 119-120

Newborn. See also Infant.

asphyxia of, 1978: Sept., 317-334 growth-retarded, 1979: Sept., 358-360 hemorrhagic disease in, 1977: Sept., 291-293

neurologic evaluation of, 1977: March, 31-42

respiration in, control of, 1978: Sept., 269-281 respiratory disorders. See also names of

specific disorders. symposium on, 1978: Sept., 181-461

respiratory distress in, surgically treatable causes of, 1978: Sept., 377-394 sensory and learning processes of, 1977:

March, 163-186 surgery in, symposium on, 1978: March,

1-176 tumors in, 1978: March, 115-133

ventilated, follow-up studies in, 1978: Sept., 451-461

Nicotine, in breast milk, 1979: March, 192 Nutrition, fetal growth retardation and, 1979: Sept., 357

in low birth weight infants, 1977: Sept., 248-252, 377-383

update and problems, 1977: Sept., 377-383

maternal, prenatal toxicity and, 1979: Sept., 209 Obstetrics, in management of low birth weight infants, 1977: Sept., 215-237

Obstruction, intestinal, neonatal, 1978: March. 3–18

Oligohydramnios, 1979: Sept., 295 Omphalocele, gastroschisis and, 1978: March, 61-77

Opiate dependence in pregnant women, sudden infant death syndrome and, 1979: March, 163-180

Organochlorine compounds, in breast milk, 1979: March, 187-188

Oxygen, fetal consumption of, 1979: Sept., 366

therapy, bronchopulmonary dysplasia and, 1978: Sept., 442–447 in hyaline membrane disease, 1978: Sept., 302–304

toxicity, 1978: Sept., 437-450

transcutaneous, measurement of, in evaluation of drug effects, 1979: March, 109-121

transport, in premature infants, 1977: Sept., 243–246

Oxytocin, in initiation of parturition, 1979: March, 53

pharmacokinetics of, 1979: March, 65-85 respiratory distress syndrome and, 1978: Sept., 220

Pachygyria, 1977: March, 17-18 Pain, response of neonate to, evaluation of, 1977: March, 41

Parenteral nutrition, in tiny babies, 1977: Sept., 367-376

Parturition, role of maternal and fetal neurohypophyseal hormones in, 1979: March, 70-72

Patent ductus arteriosus, in preterm infants, 1978: Sept., 411-436 necrotizing enterocolitis and, 1978: March, 33

Paternal drug exposure, effect on perinatal outcome, 1979: March, 21-36

PCB (polychlorinated biphenyl), in breast milk, 1979: March, 187-188

Pelizaeus-Merzbacher's disease, 1977: March, 27

Pelvis, neonatal tumors of, 1978: March, 132

Penis, neonatal, abnormal, 1978: March, 146

Perineum, lipoma of, neonatal, 1978: March, 123–124

neonatal, abnormal, 1978: March, 135-147 Pesticides, in breast milk, 1979: March, 188-189

Pharmacology, developmental, symposium on, 1979: March, 1–196 Phenobarbital, in treatment of hyper-

bilirubinemia, 1977: Sept., 311 intrauterine growth retardation and, 1979:

March, 11–12 neonatal seizures and, 1975: March, 10– 11, 105; 1977: March, 59–60 Phenytoin, intrauterine growth retardation and, 1979: March, 11-12

Phosphatidylcholine, biosynthesis of, in fetal lung development, 1978: Sept., 197-229

Phospholipid synthesis, in fetal lung, 1978: Sept., 197-229, 233-237, 247-248; 1979: Sept., 378-380

Phototherapy, hyperbilirubinemia and, 1977: March, 312-314

Pierre-Robin syndrome, respiratory distress and, 1978: Sept., 378-379

Pituitary gland, posterior, hormones secreted by, developmental pharmacokinetics, 1979: March, 65-85

Placenta, lesions of, 1979: Sept., 397-402 neonatal calcium homeostasis and, 1977: Sept., 385-392

Pneumatosis, intrapleural, 1978: Sept., 356-358, 363

intrapulmonary interstitial, 1978: Sept., 352-356, 361-363

intestinalis, necrotizing enterocolitis and, 1978: March, 36

Pneumothorax, 1978: Sept., 335-350 Pollutants, environmental, drugs and, in breast milk, 1979: March, 181-196

Polychlorinated biphenyls (PCB's), in breast milk, 1979: March, 187–188

Polyhydramnios, 1979: Sept., 295 Polymicrogyria, 1977: March, 18–19 Portoenterostomy, Kasai, in neonatal extra-

hepatic biliary atresia, 1978: March, 24-26 Postmaturity, intrauterine growth retarda-

tion and, 1979: March, 14 Posture, evaluation, in newborn, 1977: March, 37

Pregnancy, complications. See under specific disorders.

effect of tobacco, 1978: Sept., 221 ingestion of alcohol during, 1979: March, 12-14

multiple, low birth weight and, 1977: Sept., 228-230

opiate dependence during, effect on fetus and newborn infant, 1979: March, 163-180

smoking and, effect on birth weight and fetal growth, 1979: March, 8-9, 167-168

Premature labor, drugs for inhibition of, 1979: March, 53-63

Premature rupture of fetal membranes, obstetric management of, 1977: Sept., 222-225

Prematurity, anemia of, 1977: Sept., 239-257

apnea of, methylxanthines in, 1979: March, 87-108

Prenatal diagnosis. See also specific disorders.

of chromosomal abnormalities and neural tube defects, 1979: Sept., 245-254

of hemoglobinopathies, 1979: Sept., 275-291

of inborn errors of metabolism, 1979: Sept., 255-273 Progestins, effect on labor, 1979: March, 15 Prolactin, fetal lung maturation and, 1978: Sept., 218-220, 250; 1979: Sept., 386

Propranolol, intrauterine growth retardation and, 1979: March, 9-10 Prostaglandins, in patent ductus arteriosus,

1978: Sept., 411-420 premature labor and, 1979: March, 54, 59-60

Protein, fetal utilization of, 1979: Sept., 369-370 requirements in tiny babies, 1977: Sept.,

378

Pseudohermaphroditism, female, 1978: March, 169-170 male, 1978: March, 172

Pulmonary hemorrhage, neonatal, 1977: Sept., 290-291

Pulmonary interstitial emphysema, 1978: Sept., 351-375

Pyridoxine, in treatment of neonatal seizures, 1977: March, 60

RADIATION, maternal, abortion and, 1979: Sept., 238

Rectosigmoidectomy, in Hirschsprung's disease, 1978: March, 55-56

Reflexes, development, evaluation of newborn's, 1977: March, 39-41

Renal failure, acute, causes of, 1977: Sept., 338-342

Renal function, in very low birth weight infants, 1977: Sept., 321-349

Renal masses, neonatal, 1978; March, 128-131

Respiration, fetal, 1978: Sept., 257-268 in newborn, control of, 1978: Sept., 269-281

Respiratory distress syndrome, 1978: Sept., 283-297

congenital lobar emphysema and, 1978: March, 105-113; Sept., 380-383

hemostasis and, 1977: Sept., 288–290 idiopathic, assisted ventilation in, 1978: Sept., 395–409

intraventricular hemorrhage and, 1978: Sept., 404–406

in tiny baby, 1977: Sept., 411-423 labor and, 1978: Sept., 220 lung maturation and, 1979: Sept., 377 natent ductus arteriosus and, 1978:

patent ductus arteriosus and, 1978: Sept., 411-436

premature rupture of membranes and, 1977: Sept., 224 surgically treatable causes of, 1978:

Sept., 377-394 Respiratory system, development, 1978: Sept., 181-196

symposium on, 1978: Sept., 181-461 Ritodrine hydrochloride, in labor suppression, 1977: Sept., 220-221

Rubella, congenital, 1979: Sept., 347-352 Rubella embryopathy, 1977: March, 123-125 Schizencephaly, 1977: March, 16-17 Scrotum, neonatal, abnormal, 1978: March, 135-145

Sedatives, effect on fetal growth, 1979: March, 11-12

Seizures, neonatal, 1977: March, 43-63 jitteriness vs., 1977: March, 49-50

Sensory processes, in newborns, 1977: March, 163-186

Sexual ambiguity, neonatal, 1978: March, 163-176

Sexual disorders, classification of, 1978: March, 163–165

Sexual rearing, determination of, 1978: March, 165-169

Short gut syndrome, neonatal, 1978: March, 16-17

SIADH, recognition and treatment of, 1979: March, 76-79

Sickle cell anemia, prenatal diagnosis of, 1979: Sept., 276, 281

Sight, in newborns, 1977: March, 163–165 Skeletal dysplasias, prenatal diagnosis of, 1979: Sept., 314–316

Sleep, REM, neonatal respiration and, 1978: Sept., 271-273

Smell, neonatal sense of, 1977: March, 168 Smoking, abortion and, 1979: Sept., 238 effect on breast milk, 1979: March, 192 effect on fetal lung development, 1978: Sept., 221

effect on fetus, 1979: March, 167-168 intrauterine growth retardation and, 1979: March, 8-9

paternal and maternal, birth weight and, 1978: March, 26-27

Sodium homeostasis, in preterm infants, 1977: Sept., 325–327

Spina bifida, 1979: Sept., 250 prenatal diagnosis of, 1979: Sept., 303,

304 Steroids, intrauterine growth retardation

and, 1979: March, 10-11 Stomach, spontaneous perforations of, in newborns, 1978: March, 83-91

Stress, emotional, abortion and, 1979: Sept., 239 prenatal malformations and, 1979:

Sept., 210
Structural abnormalities, fetal, diagnosis of,

1979: Sept., 293-320 Subarachnoid hemorrhage, primary neo-

natal, 1977: March, 84-86 Subdural hemorrhage, neonatal, 1977:

March, 79-84 Sudden infant death syndrome, in utero

opiate dependence and, 1979: March, 163-180

Surfactant, pulmonary, components of, 1978: Sept., 199-200 laboratory tests for, 1978: Sept., 233-

storage and secretion of, 1978: Sept., 222-223

Surgery, neonatal, symposium on, 1978: March, 1-176 Syndrome of inappropriate secretion of antidiuretic hormone (SIADH), 1979: March, 76-79

Syphilis, congenital, 1977: March, 126-127

TACHYPNEA, transient, in newborn, 1978: Sept., 264

Taste, neonatal sense of, 1977: March, 166-167

Tea, caffeine content of, effect on fetus, 1979: March, 38-42

Teratomas, neonatal, of neck, 1978: March, 121–122 sacrococcygeal, 1978: March, 119, 121

thoracic, 1978: March, 124 Teratogenic agents, critical periods of fetal development and, 1979: Sept., 203-218

Teratogenic drugs, 1979: Sept., 403-414 Testis, absence of, in newborn, 1978: March, 143-145

in sexual differentiation, 1978: March, 163–164, 169–172 torsion of, in newborn, 1978: March,

141-142 undescended, neonatal, 1978: March, 145

undescended, neonatal, 1978; March, 143 Tetany, neonatal, 1977; March, 137–139 Thalassemias, prenatal diagnosis of, 1979; Sept., 277, 281–284

Thalidomide, 1979: Sept., 205, 207 Thanatophoric dwarfism, 1979: Sept., 238 Theophylline, effect on neonate, tcPO<sub>2</sub>

monitoring of, 1979: March, 115-119 and effect on fetus, 1979: March, 42-43 pharmacokinetics of, and dose recommendations in neonatal apnea, 1979:

March, 88-95 Thorax, tumors of, neonatal, 1978: March, 194-196

Thrombocytopenia, in newborns, 1975: March, 88–89, 93; 1977: Sept., 266–268 Thrombosis, disseminated platelet, neo-

natal, 1977: Sept., 278–279 umbilical catheterization and, 1977: Sept., 279–281

Thyroid disease, maternal, prenatal toxicity and, 1979: Sept., 210-211

Thyroxine, fetal lung maturation and, 1978: Sept., 220, 250; 1979: Sept., 383-385 Tobacco smoking. See Smoking.

Tone, evaluation of, in newborn, 1977: March, 37-38

Torticollis, neonatal, 1978: March, 132 Touch, neonatal sense of, 1977: March, 168–169

Toxic reactions, fetal, critical periods of, 1979: Sept., 203-218

Toxoplasmosis, congenital, 1977: March, 127-129

Transfusion, intrauterine fetal, 1979: Sept., 324–326 Tranquilizers, sedatives and, effect on

fetal growth, 1979: March, 11-12 Transcutaneous oxygen measurement, in evaluation of drug effects, 1979: March, 109-121 Transfusion, exchange, in hyperbilirubinemia, 1977: Sept., 314–315 in neonatal DIC, 1977: Sept., 276–277

Transillumination of infant's head, in neurologic examination, 1977: March, 33 Trimethadione, teratogenicity of, 1979: Sept. 411

Triparanol, teratogenic nature of, 1979: Sept., 206

Tumors, in neonates, 1978: March, 115-133 Twins, low birth weight and, 1977: Sept., 228-230

Umbilical cord, clamping of, 1977: Sept., 232-233

Ultrasonography, as adjunct to amniocentesis, 1979: Sept., 248

in diagnosis of fetal structural abnormalities, 1979: Sept., 294-317

Urogenital defects, timing of development, 1979: Sept., 214

VACCINES, rubella, 1979: Sept., 351–352 Varicella-zoster infection, congenital, 1979: Sept., 337–341

Ventilation, assisted, in idiopathic respiratory distress syndrome, 1978: Sept., 395-409

mechanical, follow-up studies in survivors, 1978: Sept., 451-461 in hyaline membrane disease, 1978:

Sept., 308–311 Virus. See under specific type. Vision, neonatal, 1977: March, 163–165 Vitamin E deficiency, in premature infants,

1977: Sept., 252-253 Vitamin K deficiency, neonatal, 1977: Sept., 291-293

Vitamin requirements in premature newborns, 1975: March, 191-192; 1977: Sept., 381

WARFARIN, teratogenicity of, 1979: Sept.,

Water, requirements in very low birth weight infants, 1977: Sept., 378; 1979: March, 141-146

retention and excretion of, drugs causing, 1979: March, 78

Weight, low birth, symposium on, 1977: Sept., 213-430

Wilms' tumor, neonatal, 1978: March, 130 Withdrawal syndrome, neonatal seizures and, 1977: March, 55

XANTHINES, methylated. See Methylxanthines.

